

LPC# 0316003034 Cook County  
Elesco Smelting Corp.  
a.k.a. Suppo Smelting and Refining  
SF/HRS

# CERCLA

## Pre-Cerclis Screening Action



Illinois Environmental  
Protection Agency

US EPA RECORDS CENTER REGION 5



406972

**PRE-CERCLIS SCREENING REPORT**

for:

**ELESCO SMELTING CORP.  
CHICAGO, ILLINOIS**

PREPARED BY:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
BUREAU OF LAND  
DIVISION OF REMEDIATION MANAGEMENT  
OFFICE OF SITE EVALUATION

SEPTEMBER 13, 2005

## **INTRODUCTION**

On February 22, 2005, the Illinois Environmental Protection Agency (Illinois EPA) was tasked by the Region 5 Offices of the United States Environmental Protection Agency (U.S. EPA) to conduct Pre-CERCLIS Screening Assessments on historic lead sites within the Chicago Metropolitan Area. These properties were identified from historic maps and industrial directories that suggest that lead may have been used at these facilities. The Pre-CERCLIS Screening Assessment (PCS) activities will include a review of available information, a visual site reconnaissance, a determination of current land use, and identify the risk for human exposure to potential contaminants on the subject property and adjacent land.

## **SITE DESCRIPTION**

The Elesco Smelting Corp., reportedly located at 1240 West Carroll Ave., Cook County, Chicago, Illinois, has been identified as a potential lead site. This address is located in the downtown area of Chicago, IL, at the northeast corner of North Elizabeth Street and West Carroll Ave.. Currently, this is the location of a large one-story brick building. The building appears to be relatively new compared to other buildings in the area. The surrounding area is occupied by similar multi-story buildings, roadways, and walkways. There are not any residential buildings in the area. The area appears to be completely industrial and commercial. The likelihood of human exposure to contaminated media, if present, would be low considering the ground surface is covered by artificial surfaces, and there are no residential neighborhoods surrounding this location. No environmental samples were collected during the PCS.

## **SITE HISTORY**

Sanborn Fire Insurance Maps from 1916 and 1950 were reviewed for evidence that would suggest any metallurgical operations occurred at the 1240 West Carroll Ave. address. The map from 1950 did indicate that smelting might have occurred at this address, but the layout on this map does not agree with the layout of the current building at this address. This suggests that the old buildings were torn down and replaced with a new structure that currently exists.

Three additions of the Standard Metal Directory (1940, 1948-1949, and 1963-1964) were reviewed to obtain any information about the Elesco Smelting Corp. No information was found about Elesco Smelting Corp. in the directories.

A file search of the Illinois Environmental Protection Agency's files produced a site at this address. A review of that file suggested that Suppo Smelting and Refining existed at the 1240 West Carroll Ave. address from the late 70s until at least the early 80s. According to the file, Suppo Smelting and Refining was primarily involved with recycling of solder dress skimmings from can manufacturing. The file only had information from Suppo requesting permits for hauling waste from their operations. The information in the file was limited.

## **RECOMMENDATION**

Based on the findings of this Pre-CERCLIS Screening, the author of this report recommends that the Elesco Smelting Corp., located at 1240 West Carroll Ave, Chicago, IL, receive No Further Action under the CERCLA process. A review of available information (refer to reference list) suggests that the Elesco Smelting Corp., if present at the 1240 West Carroll Ave address, was torn down and a new building was built in its place. Current conditions at this

location pose little threat to human exposure, should contaminated media exist. No residential neighborhoods are surrounding the location.

## **ATTACHMENTS**

- Appendix – A            Site Location Map for 1240 West Carroll Ave (DeLorme Street Atlas).
- Appendix – B            TerraServer Air Photos and Topographical Map
- Appendix – C            Current Photos of Property
- Appendix – D            Sanborn Maps 1916 and 1950
- Appendix – E            Pre-CERCLIS Screening Assessment Checklist/Decision Form

## **REFERENCES**

Cook County Assessor's Office, <http://www.cookcountyassessor.com/filings/gis.asp>

Illinois Environmental Protection Agency, <http://www.epa.state.il.us>

U.S. Environmental Protection Agency, <http://www.epa.gov/superfund/sites/cursites/index.htm>

Standard Metal Directory, Eighth Edition 1940, Atlas Publishing Company, 150 Lafayette St., New York, Copyright 1939.

Standard Metal Directory, Eleventh Edition 1948, Bardeen Press, Inc., Atlas Publishing Co., Copyright 1948.

Standard Metal Directory, 1963-1964 Volume XVIII, by Geoffrey J. Nightingale, Copyright 1963, by Standard Metal Directory 525 W. 42<sup>nd</sup> Street, New York 36, N.Y.

TerraServer-USA, <http://terraserver-usa.com/default.aspx>

## Appendix – A



[illegible]



## Appendix – B

## Appendix - B

Aerial Photo from April 10<sup>th</sup>, 2002



Aerial Photo (zoomed) from April 10<sup>th</sup>, 2002



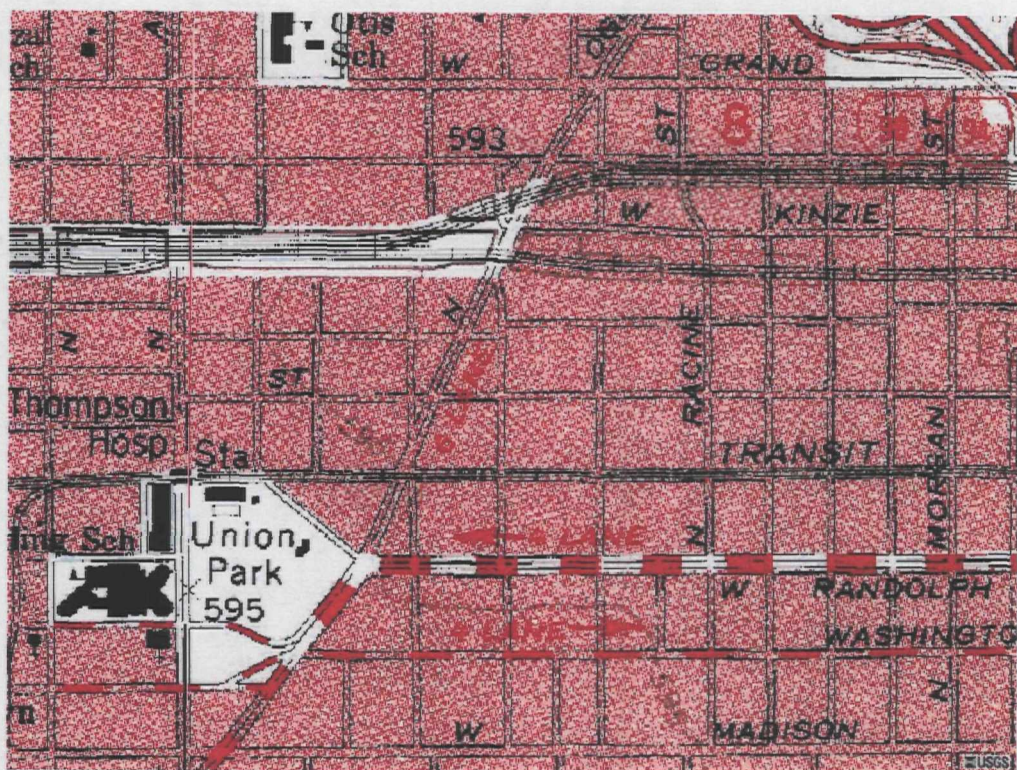


## Appendix - B

Aerial Photo from March 27th, 1999



Topographical Map from July 1<sup>st</sup>, 1992

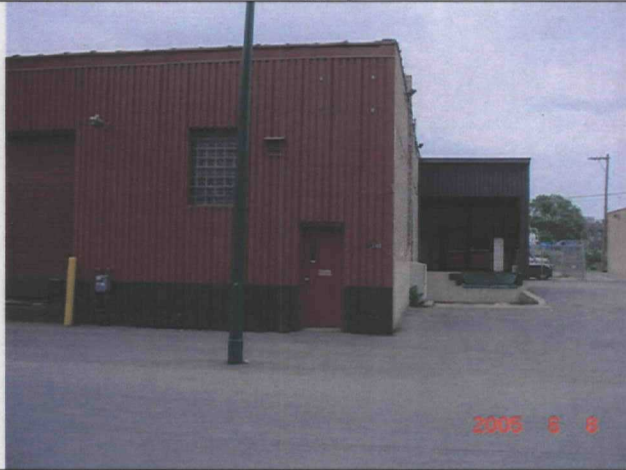


## Appendix – C



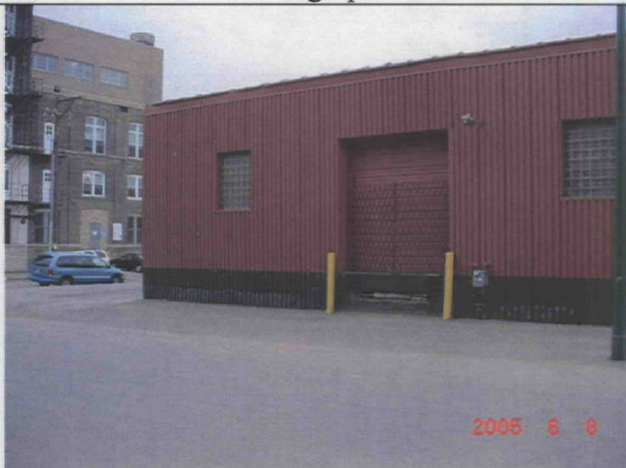
Appendix - C

Photograph 1



South side of W. Carroll Ave.  
Looking North

Photograph 2



South side of W. Carroll Ave.  
Looking North

Photograph 3



South side of W. Carroll Ave.  
Looking Northwest at corner of  
N. Elizabeth St. and W. Carroll Ave.



Appendix - C

Photograph 4



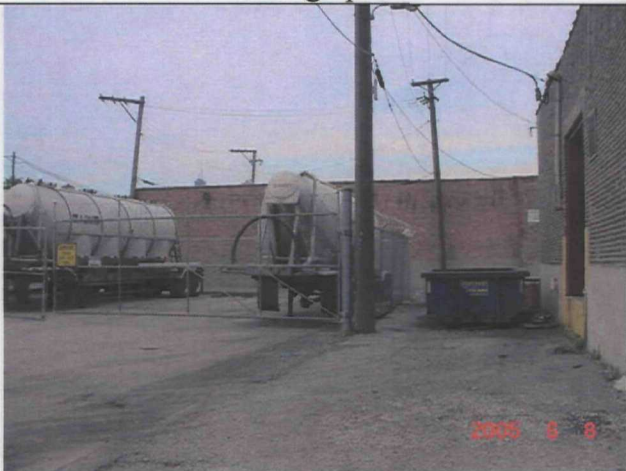
East side of N. Elizabeth St.  
Looking East

Photograph 5



Northeast side of N. Elizabeth St.  
Looking Southeast

Photograph 6



Northeast side of N. Elizabeth St.  
Looking East



Appendix - C

Photograph 7



Northeast side of W. Carroll Ave.  
Looking Northwest

Photograph 8

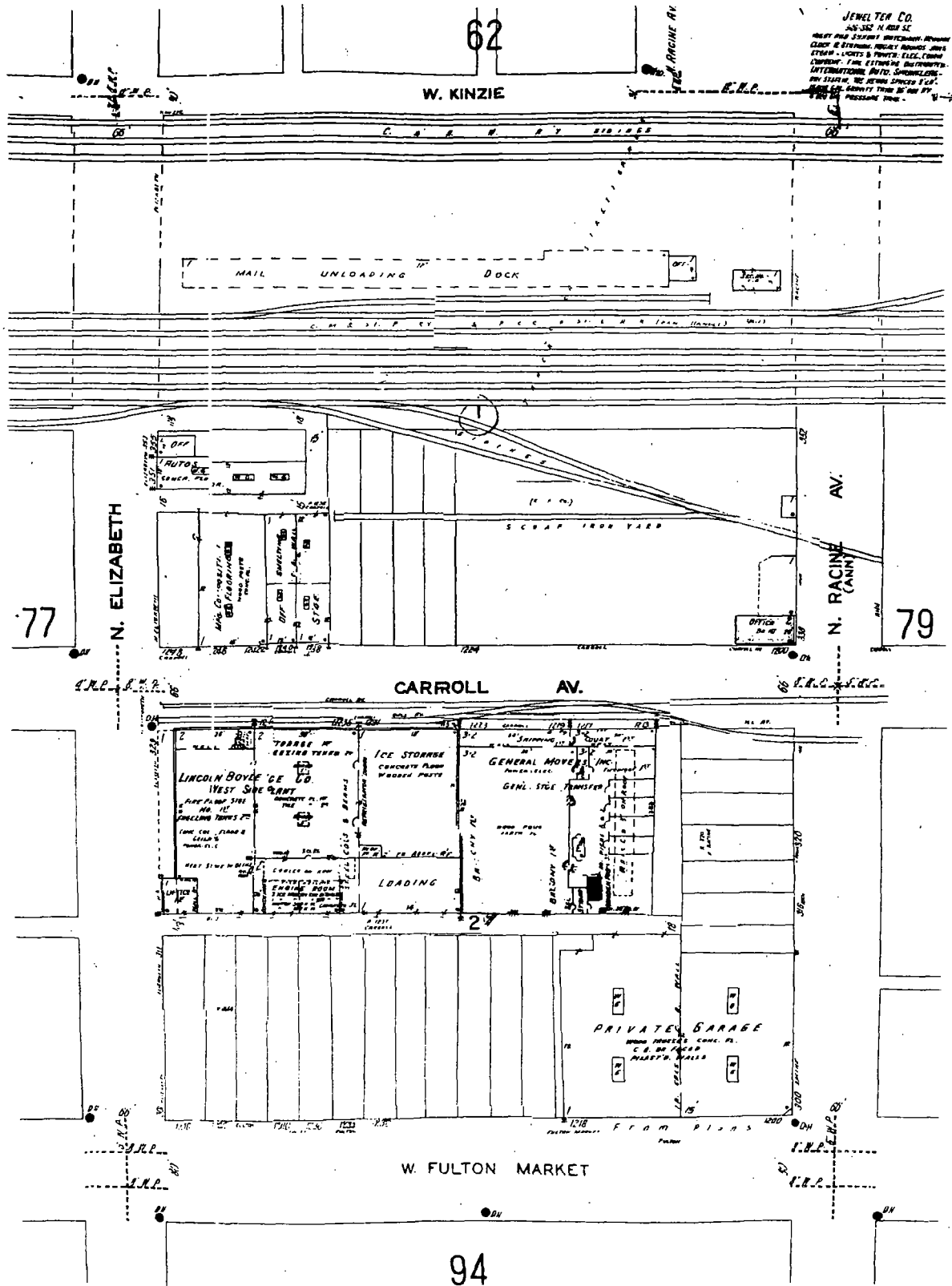


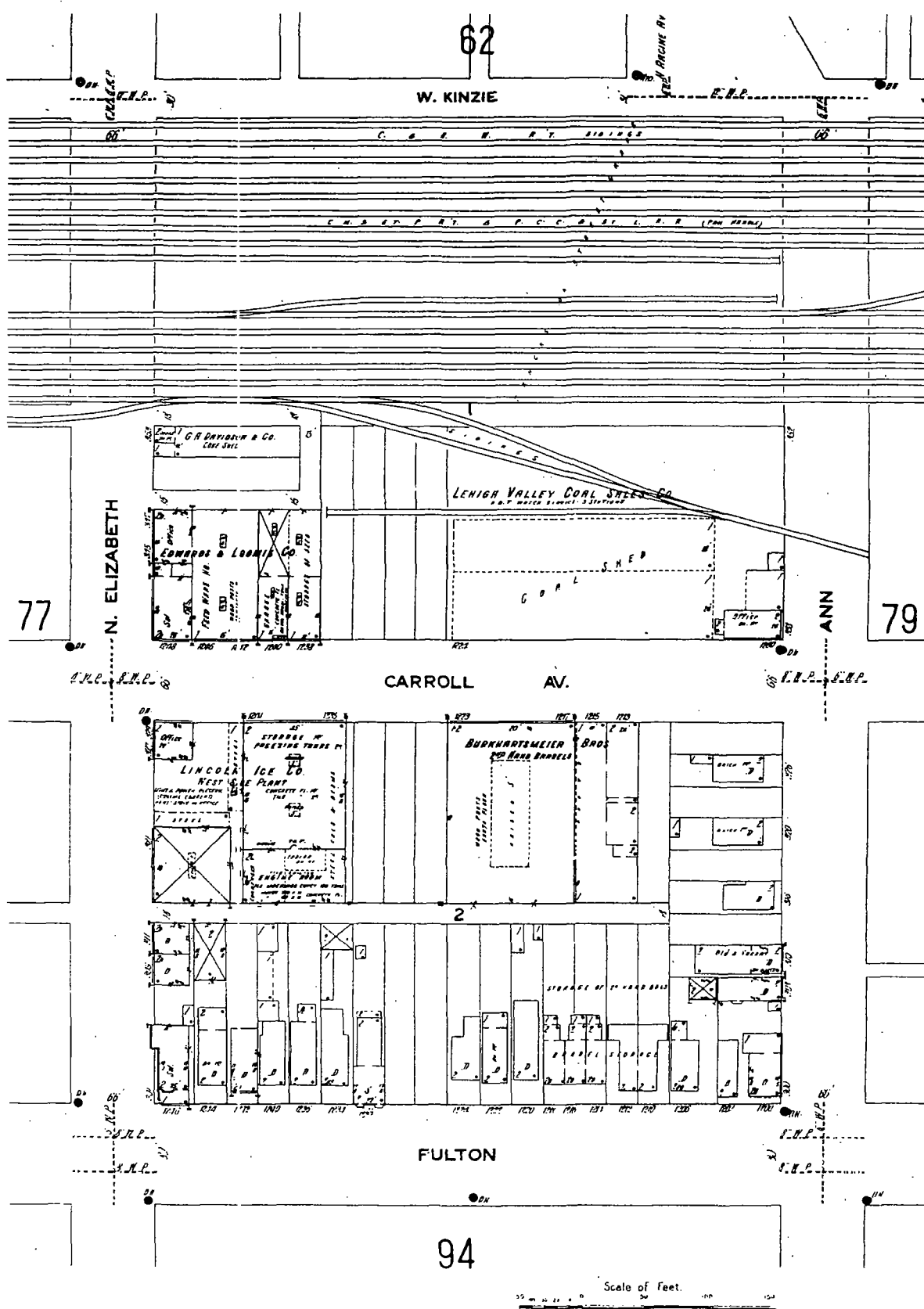
North side of W. Carroll Ave.  
Looking South

## Appendix – D

1950

78  
CHICAGO VOL. 6  
(662)





## Appendix – E

# PRE-CERCLIS SCREENING ASSESSMENT CHECKLIST/DECISION FORM

This checklist can assist the site investigator during the Pre-CERCLIS screening. It will be used to determine whether further steps in the site investigation process are required under CERCLA. Use additional sheets, if necessary.

**Checklist Preparer:**

Dave Reed

Name/Title

1021 North Grand Ave. East, Springfield, IL. 62794-9276

Address

Dave.Reed@epa.state.il.us

E-mail Address

September 13, 2005

Date

217/524/1657

Phone

**Site Name:**

Elesco Smelting Corp.

**Previous Names (if any):**

N/A

**Site Location:**

1240 W. Carroll Ave., Chicago, Illinois

**Latitude:** 41.888**Longitude:** -87.658**Complete the following checklist. If Ayes is marked, please explain below.**

	YES	NO
1. Does the site already appear in CERCLIS?		X
2. Is the release from products that are part of the structure of, and result in exposure within, residential buildings or businesses or community structures?		X
3. Does the site consist of a release of a naturally occurring substance in its unaltered form, or altered solely through naturally occurring processes or phenomena, from a location where it is naturally found?		X
4. Is the release into a public or private drinking water supply due to deterioration of the system through ordinary use?		X
5. Is some other program actively involved with the site (Federal, VCP, State, or Tribal)?		X
6. Are the hazardous substances potentially released at the site regulated under a statutory exclusion (i.e., petroleum, natural gas, natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring, or regulated by the NRC, UMTRCA, or OSHA)?		X
7. Are the hazardous substances potentially released at the site excluded by policy considerations (i.e., deferred to RCRA Corrective Action, FIFRA, or Brownfields)?		X
8. Is there insufficient data (provided by the State) to verify that a release has occurred or has the potential to occur (i.e., based on potentially unreliable sources or with no information to support the presence of hazardous substances or CERCLA eligible pollutants and contaminants)?		X
9. Is there sufficient documentation that clearly demonstrates that there is no potential for a release that could cause adverse environmental or human health impacts (i.e., comprehensive remedial investigation equivalent data showing no release above ARARs, completed removal action, previous HRS score determined, EPA approved risk assessment completed)?		X

**Please explain all yes answer(s), attach additional sheets if necessary:**

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Site Determination: No The site is not recommended for placement into CERCLIS (explain below).

**DECISION/DISCUSSION/RATIONALE:**

The Elesco Smelting Corp. property was included within a listing of historic properties within the City of Chicago potentially associated with the smelting and refining of lead. There is no information that would suggest that the property poses a health threat to the surrounding community.

See attached report.

Regional EPA Reviewer:

Print Name/Signature

*Jeanne Goff*

Date

*9/30/05*

State Agency/Tribe:

Print Name/Signature

*Dane Reed*

Date

*9-13-05*